

ABSTRACT OF THE DISCLOSURE

APPARATUS AND METHOD FOR PORT SHARING AMONG A PLURALITY OF SERVER PROCESSES

An apparatus and method for port sharing among a plurality of server processes are provided. The apparatus and method provide an intermediate layer between the communication port and the server processes. This intermediate layer provides a port mapping such that data messages received via a shared communication port are mapped to separate ports based on the domain of the data message. Each server process is configured to listen to a different virtual communication port. The mapping of the present invention maps data messages received in the shared communication port to one of these virtual communication ports based on the domain to which the data message belongs. This mapping is also performed with outgoing messages from the server as well.